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### Remarks

The following remarks are responsive to the Office Action, dated November 2, 2005, in the above referenced pending application. Applicant respectfully requests reconsideration in view of the below remarks and withdrawal of the rejections.

### Status of the Claims

Claims 11-16 are pending. Claims 11-16 are objected to for the recitation: -- a liquid composition covering the first portion of the surface -- in independent claim 11.

Claim 11 has been amended to recite the organic electronic component comprising the organic active material. No new matter is introduced. Support for the amendment can be found throughout the specification, including at page 5, lines 19-33, page 6, lines 6-18, page 30, line 13 to page 31, line 17, and at page 33, lines 18-31. Claims 12-16 have been amended to provide proper dependency from Claim 11.

### Claim Objection: Claims 11-16

Claims 11-16 were objected to for the recitation: -- a liquid composition covering the first portion of the surface -- in independent claim 11. Claim 11 has been amended to clarify the invention by reciting the organic electronic component which can be an intermediate product of the final organic electronic device.

### Rejection under 35 U.S.C. § 102(b): Claim 11

Independent Claim 11 was rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,435,887 ("*Rothschild*"). Applicant respectfully traverses the rejection of amended Claim 11 for the reason that *Rothschild* neither teaches nor suggests an organic electronic component comprising a substrate having a surface with a first portion and a second portion, without a well structure connected to or adjacent the first portion of the surface or the second portion of the surface, wherein the first portion of the surface has a first surface energy and the second portion of the surface has a second surface energy, a liquid composition covering the first portion of the surface and contacting the second portion of the surface, wherein the liquid composition has a third surface energy that is higher than the first surface energy and lower than the second surface energy, and organic active material.

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In particular, *Rothschild* teaches a method for fabricating smoothly-curved microstructures such as microlenses on a substrate. FIG. 5 of *Rothschild* shows (a) the formation of a low surface energy layer 42 which is deposited over a high surface energy layer 18 and (b) patterned to form a well structure into which (c) droplets 52 are deposited. In the case of *Rothschild*, a well structure is connected to or adjacent to both the first portion of the surface and the second portion of the surface. Furthermore, after removal of the well structures of *Rothschild*, FIG. 5(d), there are no longer first and second portions of the surface with first and second surface energies. In addition, the smoothly-curved microstructures of *Rothschild*, do not comprise an organic active material as recited in amended Claim 11.

Because the microstructures recited in *Rothschild* do not teach or suggest the elements of the invention claimed in pending Claim 11, there is no motivation to provide an organic electronic component having the specifically claimed limitations without the benefit of hindsight after reviewing Applicant's pending application. Applicant requests the Examiner to withdraw the above referenced rejection.

Rejection under 35 U.S.C. § 103(a): Claims 12, 15 and 16

Claims 12, 15 and 16 were rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 6,838,361 ("*Takeo*") in view of further remark. Applicant respectfully traverses the rejection of Claims 12, 15 and 16 for the reason that *Takeo* neither teaches nor suggest the elements of the invention claimed in Independent Claim 11, or Claims 12, 15 and 16 which depend from Claim 11.

*Takeo* teaches a method of patterning a substrate, in which a first material in solution is deposited on the substrate and then dries to form a residue comprising a thin film in the center and an ridge around the perimeter. The residue is etched to remove the thin film, leaving the ridge on the substrate which acts as a well structure for a subsequently deposited solution. See *Takeo* at the Abstract, FIG. 1, and at col. 5, line 13 to col. 6, line 51. As described in the pending Application on page 7, lines 9-11, a well structures refers to a structure used to confine a liquid during processing and prevent flowing, and can include a wall, web, dam, divider or frame. The ridge 14 of *Takeo* is a pre-pattern, or well structure, which has a particular wetting characteristic with respect to a solution of a second target material deposited at a later stage. See *Takeo* at col. 5, lines 18-25.

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In particular, regarding Claim 12, the repelling strip 102 of polyimide shown in FIG. 8(b) of *Takeo* is formed on the substrate 100 and acts as a wall, or well structure, to confine the spreading of droplet 104. Regarding Claims 15 and 16, the ridge 14 is a pre-pattern, or well structure, as described above. Because the method of patterning recited in *Takeo* does not teach or suggest every element of the invention as claimed in Independent Claim 11, or Claims 12, 15 and 16, which depend from Claim 11, there is no motivation to provide an organic electronic component having the specifically claimed limitations without the benefit of hindsight after reviewing Applicant's pending application. Applicant requests the Examiner to withdraw the above referenced rejection.

Rejection under 35 U.S.C. § 103(a): Claim 13

Claim 13 was rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 6,277,679 ("*Ohtani*") in view of *Takeo*. Applicant respectfully traverses the rejection of Claim 13 for the reason that neither *Ohtani* or *Takeo*, taken alone or in combination, teach or suggest the elements of the invention claimed in Independent Claim 11, or Claim 13 which depends from Claim 11, nor is there any motivation to combine the teaching of *Ohtani* and *Takeo* to provided every element of the invention as claimed in Claims 11 and 13.

*Ohtani* teaches a method for forming a low-concentration impurity region in a top gate type thin film transistor (TFT) for use in an organic electroluminescent display device. The TFT of *Ohtani* is not an organic electronic component comprising an organic active material as recited in amended Independent Claim 11, and as described above, *Takeo* does not teach or suggest every element of Claim 11. Furthermore, there is no motivation to combine the method of *Ohtani* for forming an *inorganic* TFT with the method of *Takeo* of forming *organic* layers to provide an organic electronic component having the specifically claimed limitations without the benefit of hindsight after reviewing Applicant's pending application. Applicant's request the Examiner to withdraw the above referenced rejection.

Rejection under 35 U.S.C. § 103(a): Claim 14

Claims 14 was rejected under 35 U.S.C. § 103(a) as being obvious over U.S. Patent No. 6,930,322 ("*Mori*") in view of *Takeo*. Applicant respectfully traverses

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the rejection of Claim 14. Mori teaches a semiconductor structure formed from self-assembling block co-polymers. As stated by the Examiner, there is no teaching of the surface energies of the substrate in *Mori*. The semiconductor structure of *Mori* does not teach or suggest the elements of the invention claimed in amended Independent Claim 11, or Claim 14 which depends from Claim 11, nor is there any motivation to combine the teaching of *Mori* and *Takeo* to provided every element of the invention as claimed in Claims 11 and 14. The method of *Mori* using self-assembled block co-polymers is very different from the method of *Takeo*, and it is unclear to the Applicant how the two might be combined. As described above, *Takeo* does not teach or suggest every element of Claim 11, nor does it teach or suggest the invention as claimed in Claim 14. Applicant requests the Examiner to withdraw the above referenced rejection.

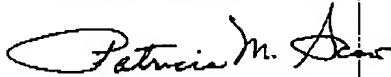
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Conclusion

In view of the foregoing, it is respectfully submitted that the application is  
In condition for allowance. A Notice of Allowance of the pending claims is earnestly  
requested.

Respectfully submitted,



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